

CLAIMS

1. An installation (2) comprising a machine (4) for the production of tablets, where the machine has at least one enclosure (6, 8, 10), characterised in that the installation includes means (10, 12, 16, 14) for injecting a gas into the enclosure and to distribute it throughout the enclosure, said means being arranged so as to control the temperature of the gas at a predetermined location (80) upstream of the enclosure (6) in order to ensure that the temperature of the gas in the enclosure (6) reaches a predetermined value.
2. An installation according to any of the preceding claims, characterised in that said means are arranged to control the temperature of the gas at the predetermined location (80), in order to ensure that the temperature at this location reaches a predetermined value.
3. An installation according to any of the preceding claims, characterised in that said means are arranged to cool the gas.
4. An installation according to any of the preceding claims, characterised in that said means are arranged to heat the gas.
5. An installation according to any of the preceding claims, characterised in that said means are arranged to control the relative humidity of the gas.
6. An installation according to any of the preceding claims, characterised in that said means include at least one particle filter (30, 32).

7. An installation according to any of the preceding claims, characterised in that said means include at least one fan (10, 14) placed upstream or downstream of the enclosure (6, 8, 10) for example.

8. An installation according to any of the preceding claims, characterised in that the enclosure (6) includes devices (39) for shaping of the tablets.

9. An installation according to any of the preceding claims, characterised in that the enclosure (8) includes a motor.

10. An installation according to any of the preceding claims, characterised in that the enclosure (10) includes an electronic device.

11. An installation according to any of the preceding claims, characterised in that the enclosures (6, 8, 10) are at least two in number, and the machine includes means for injecting a gas into each enclosure and to distribute it.

12. An installation according to the preceding claim, characterised in that it includes gas conduits (16) arranged to feed gas to the enclosures (6, 8, 10) using a parallel arrangement.

13. An installation according to any of claims 11 or 12, characterised in that the means are partially common to the enclosures (6, 8, 10).

(14). An installation according to any of the preceding claims, characterised in that said means include at

least one gas conduit (16) connected so that it can be removed from the enclosure (6, 8, 10).

15. An installation according to any of the preceding claims, characterised in that it includes at least one stopper (36a-c, 70) to interrupt the flow of gas between the enclosure and the remainder of the installation.

16. An installation according to any of the preceding claims, characterised in that said means are arranged to control a flow of gas associated with the enclosure by allowing the choice of one flow from various non-zero flow values.

17. An installation according to any of the preceding claims, characterised in that said means include a diffusion box (40, 50, 62) placed in the enclosure (6, 8, 10), having at least two openings (42) for entry of the gas into the enclosure.

18. An installation according to the preceding claim, characterised in that the openings (42) are located on different faces of the diffusion box (40, 50, 62).

19. An installation according to any of the preceding claims, characterised in that the tablets include a substance for therapeutic or cosmetic use.

20. An installation according to any of the preceding claims, characterised in that the tablets include Ibuprofen.

21. A process for the production of tablets, characterised in that gas is injected into an enclosure (6, 8, 10) that forms part of a machine (2) for the production of

tablets, and is distributed throughout the enclosure, and in that the temperature of the gas is controlled at a predetermined location (80) upstream of the enclosure in order to ensure that the temperature of the gas in the enclosure reaches a predetermined value.

22. A process according to the preceding claim, characterised in that the temperature of the gas is controlled at the predetermined location (80) in order to ensure that the temperature at this location reaches a predetermined value.